

Appl. No. 09/271,194

Amdt. Dated October 16, 2003

Reply to Office Action of July 11, 2003

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of the Claims

1. (Currently Amended) A plurality of overlapping snack pieces comprising:
 - a. a non-planar concave-curved snack piece having a surface including random surface features extending from said surface;
 - b. wherein said plurality of overlapping snack pieces have a volumetric bulk density of greater than about 8.0×10^{-5} g/mm³.
2. (Original) A plurality of overlapping snack pieces according to claim 1, wherein said plurality of overlapping snack pieces are in a nested arrangement.
3. (Original) A plurality of overlapping snack pieces according to claim 1, wherein said volumetric bulk density is from about 8.0×10^{-5} g/mm³ to about 80×10^{-5} g/mm³.
4. (Canceled).
5. (Currently Amended) A plurality of overlapping snack pieces according to claim 4, wherein said snack piece has a bowl-shaped curvature.
6. (Original) A plurality of overlapping snack pieces according to claim 1, wherein said body a segment of a sphere cap.
7. (Original) A plurality of overlapping snack pieces according to claim 5, wherein said snack piece has a radius of curvature from about 5 mm to about 500 mm.
8. (Original) A plurality of overlapping snack pieces according to claim 1, wherein said snack piece has a modulus of elasticity from about 0.1 g/mm² to about 6.0 g/mm².
9. (Original) A plurality of overlapping snack pieces according to claim 2, wherein said snack piece having a maximum thickness from about 2.5 mm to about 5.5 mm.
10. (Original) A plurality of overlapping snack pieces according to claim 1, wherein said snack piece contains a lipid content from about 18% to about 40%.
11. (Original) A plurality of overlapping snack pieces according to claim 1, wherein said snack piece has a density from about 1.0×10^{-4} g/mm³ to about 17×10^{-4} g/mm³.
12. (Original) A plurality of overlapping snack pieces according to claim 1, wherein each of said snack pieces in said plurality of overlapping snack pieces are consistent in size and shape.

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13. (Original) A plurality of overlapping snack pieces according to claim 1, wherein said snack piece is contained in a package.
14. (Previously Presented) A plurality of overlapping snack pieces according to claim 13, wherein said plurality of overlapping snack pieces is placed in a package, said package having a packed bulk density from about $10 \times 10^{-5} \text{ g/mm}^3$ to about $35 \times 10^{-5} \text{ g/mm}^3$.
15. (Original) A plurality of overlapping snack pieces comprising:
 - a. a non-planar snack piece has a concave curvature;
 - b. wherein said plurality of overlapping snack pieces have a volumetric bulk density of greater than about $8.0 \times 10^{-5} \text{ g/mm}^3$.
16. (Previously Presented) A plurality of overlapping snack pieces according to claim 15, wherein said snack piece has a bowl-shaped curvature.
17. (Previously Presented) A plurality of overlapping snack pieces according to claim 15, wherein said snack piece is a segment from a sphere cap.
18. (Previously Presented) A plurality of overlapping snack pieces according to claim 15, wherein said volumetric bulk density is from about $8.0 \times 10^{-5} \text{ g/mm}^3$ to about $80 \times 10^{-5} \text{ g/mm}^3$.
19. (Previously Presented) A plurality of overlapping snack pieces according to claim 15, wherein said snack piece having a lipid content from about 18% to about 40%.
20. (Previously Presented) A plurality of overlapping snack pieces according to claim 15, wherein said plurality of overlapping snack pieces is placed in a package, said package having a packed bulk density from about $10 \times 10^{-5} \text{ g/mm}^3$ to about $35 \times 10^{-5} \text{ g/mm}^3$.
21. (Currently Amended) A plurality of overlapping snack pieces comprising:
 - a. a non-planar snack piece that is concave-curved having a maximum thickness greater than about 2.5 mm;
 - b. wherein said plurality of overlapping snack pieces have a volumetric bulk density of greater than about $8.0 \times 10^{-5} \text{ g/mm}^3$.
22. (Previously Presented) A plurality of overlapping snack pieces according to claim 21, wherein said snack piece having a lipid content from about 18% to about 40%.
23. (Previously Presented) A plurality of overlapping snack pieces comprising:
 - a. a non-planar snack piece having a concave curvature;
 - b. wherein said plurality of overlapping snack pieces is placed in a package, said package having a packed volumetric bulk density ranging from about $10 \times 10^{-5} \text{ g/mm}^3$ to about $35 \times 10^{-5} \text{ g/mm}^3$.

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24. (Withdrawn) A plurality of overlapping snack pieces comprising:
- a. a non-planar snack piece having a surface including random surface features extending from said surface;
 - b. wherein said plurality of overlapping snack pieces have a linear bulk density of greater than about 0.4 g/mm^3 .
25. (Withdrawn) A plurality of overlapping snack pieces according to claim 25, wherein said snack piece has a concave curvature.
26. (Withdrawn) A plurality of overlapping snack pieces according to claim 26, wherein said snack piece has a bowl-shaped curvature.
27. (Withdrawn) A plurality of overlapping snack pieces according to claim 27, wherein said body a segment of a sphere cap.
28. (Currently Amended) A plurality of overlapping snack pieces comprising:
- a. a concave-curved snack piece having a lipid content of less than about 23% by weight of the snack piece;
 - b. wherein said plurality of overlapping snack pieces have a volumetric bulk density from about $8.0 \times 10^{-5} \text{ g/mm}^3$ to about $80 \times 10^{-5} \text{ g/mm}^3$.
29. (Previously Presented) A plurality of overlapping snack pieces according to claim 28, wherein said plurality of overlapping snack pieces is placed in a package, said package having a packed volumetric bulk density from about $10 \times 10^{-5} \text{ g/mm}^3$ to about $35 \times 10^{-5} \text{ g/mm}^3$.
30. (Withdrawn) A method for making a high bulk density plurality of overlapping thick snack pieces, said method comprising the steps of:
- a. controlling the radius of curvature of the chip by placing a dough piece of said snack piece adjacent to predetermined curved restraining device having a radius of curvature from 5 mm to about 500 mm;
 - b. cooking said dough piece while said dough piece is restrained by said curved restraining device until said dough piece transforms into said final snack piece having a surface wherein random surface features extend from said surface; and
 - c. placing said snack piece adjacent to other of said snack pieces to form said plurality of overlapping snack pieces, wherein said plurality of overlapping snack pieces having a volumetric bulk density greater than $8.0 \times 10^{-5} \text{ g/mm}^3$.